

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	38	((700/94).ccls.) and waveform	USPAT; EPO	OR	OFF	2005/04/01 12:37
S2	7	((700/119).ccls.) and waveform	USPAT; EPO	OR	OFF	2005/03/31 14:11
S3	28	((381/119).ccls.) and waveform	USPAT; EPO	OR	OFF	2005/03/31 14:12
S4	49	((("4627026") or ("4888806") or ("5675778") or ("4998960") or ("5987541") or ("4313033") or ("4591928") or ("5418321") or ("5828358") or ("4164020") or ("5020108") or ("4829473") or ("6007228") or ("5647008") or ("5753841") or ("5847304") or ("5553220") or ("5928342") or ("5535339") or ("5652585") or ("5317714") or ("6058066") or ("6061747") or ("6061747") or ("6085257") or ("4437377") or ("5739850") or ("5870710") or ("5982360") or ("4318130") or ("4481599") or ("4604658") or ("4627076") or ("4852158") or ("5225667") or ("5303326") or ("5347304") or ("5376752") or ("5402518") or ("5406634") or ("5489901") or	USPAT; EPO	OR	OFF	2005/03/31 18:10

		("5529071") or ("5556107") or ("5583308") or ("5640489") or ("5689080") or ("5717154") or ("RE35774") or ("5748756") or ("5761643").PN.				
S5	15487	time adj division adj multiplex\$4	USPAT; EPO	OR	OFF	2005/03/31 18:11
S6	346	(time adj division adj multiplex\$4) same (digital adj analog or digital/analog or d/a)	USPAT; EPO	OR	OFF	2005/04/01 13:08
S7	0	(time adj division adj multiplex\$4) same (digital adj analog or digital/analog or d/a) same cascade	USPAT; EPO	OR	OFF	2005/03/31 18:14
S8	0	(time adj division adj multiplex\$4) same (digital adj analog or digital/analog or d/a) same cascade	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/01 12:51
S9	5	(time adj division adj multiplex\$4) same (digital adj analog or digital/analog or d/a) same envelope	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 16:45
S10	0	"4815352".pn. and mute	USPAT; EPO	OR	OFF	2005/04/01 12:40
S11	0	"4815352".pn. and muting	USPAT; EPO	OR	OFF	2005/04/01 12:50
S12	38559	differential adj amplifier	USPAT; EPO	OR	OFF	2005/04/01 12:50
S14	4	(differential adj amplifier) same (digital adj analog or digital/analog or d/a) same cascade	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/01 12:56
S15	28	(differential adj amplifier) same (digital adj analog or digital/analog or d/a) same mix\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/01 12:56

S16	2	(time adj division adj multiplex\$4) same (digital adj analog or digital/analog or d/a) same mute	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/01 13:35
S17	7	(time adj division adj multiplex\$4) same (program\$5) same mut\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/01 15:46
S18	1	(time adj division adj multiplex\$4) same (program\$5) same mut\$4	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/01 13:44
S19	1	"6373954".pn. and accumul\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/01 15:52
S20	1	"6373954".pn. and pitch	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/01 16:35
S21	1	"6373954".pn. and waveform	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 10:30
S22	0	"6373954".pn. and (envelope and preset)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/01 16:37
S23	1	"6373954".pn. and (envelope )	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/01 16:38
S24	0	"6373954".pn. and (preset )	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/01 16:39
S25	1	"6373954".pn. and (access and arbitrat \$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/01 16:39
S26	1	"6373954".pn. and interrupt	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 10:32
S27	1	"6373954".pn. and sequence	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 10:32
S28	33	(volum adj control\$4 same envelope same waveform or waveform) same (digital adj analog or digital/analog or d/a)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 16:48
S29	19	(volum adj control\$4 same envelope same waveform or waveform) same (digital adj analog or digital/analog or d/a) and @ay<="2000"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 16:51

S30	0	(volum adj control\$4) same envelope same (waveform or waveform) same (digital adj analog or digital/ analog or d/ a) and @ay<="2000"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 16:52
S31	0	(volum adj control\$4) and envelope and (waveform or waveform) and (digital adj analog or digital/ analog or d/ a) and @ay<="2000"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 16:53
S32	0	(volum adj control\$4) and envelope and (waveform or waveform) and (digital adj analog or digital/ analog or d/ a) and @ay<="2000"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/02 17:06
S33	2420	envelope and (waveform or waveform) and (digital adj analog or digital/ analog or d/ a) and @ay<="2000"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 16:53
S34	1077	envelope same (waveform or waveform) and (digital adj analog or digital/ analog or d/ a) and @ay<="2000"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 17:09
S35	195	envelope same (waveform or waveform) same (digital adj analog or digital/ analog or d/ a) and @ay<="2000"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 17:14
S36	5	envelope adj (digital adj analog or digital/ analog or d/ a) and @ay<="2000"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 17:05
S37	2	envelope adj (digital adj analog or digital/ analog or d/ a) and @ay<="2000"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/02 17:05

S38	0	(volum adj control\$4) adj (digital adj analog or digital/ analog or d/a) and @ay<="2000"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/02 17:06
S39	0	(volum adj control\$4) adj (digital adj analog or digital/ analog or d/a) and @ay<="2000"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 17:11
S40	0	(volume adj control \$4) adj (digital adj analog or digital/ analog or d/a) and @ay<="2000"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 17:06
S41	107	(waveform or wave- form) adj (digital adj analog or digital/ analog or d/a) and @ay<="2000"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 17:10
S42	0	volum adj (digital adj analog or digital/ analog or d/a) and @ay<="2000"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 17:11
S43	258	(volume or gain or amplifier) adj (digital adj analog or digital/ analog or d/a) and @ay<="2000"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 17:12
S44	5	envelope adj (digital adj analog or digital/ analog or d/a) and @ay<="2000"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 17:15
S45	2	S41 and S43	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 17:17
S46	0	S41 and S44	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 17:17
S47	0	S41 and S44 and S43	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/02 17:18
S49	34854	(time adj division adj multiplex\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/18 15:17

S50	37956	((digital near2 analog) or (digital/analog) or (d/a) or (digital-analog)) same (cascade or seri\$2 or (water adj fall\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/18 15:22
S51	914	S49 and S50 and @ay<="2000"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/18 15:22
S52	6	((700/94).ccls.) and S49 and S50 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/18 15:23
S53	250	S49 same S50	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/18 15:24
S54	151	S53 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/18 15:25
S55	0	((700/94).ccls.) and S53 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/18 15:25
S56	3	(("381"/\$).ccls.) and S53 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/18 15:25
S57	55932	(time adj division adj multiple\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/18 15:27
S58	13339	((digital adj analog) or (digital/analog) or (d/a) or (digital-analog)) same (cascade or seri\$2 or (water adj fall\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/18 15:30
S59	158	S57 same S58	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/18 15:30
S60	60	S59 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/18 15:31

S61	306	((plural multi\$3) near3((digital near2 analog) or (digital/ analog) or (d/a) or (digital-analog))) same (cascade or seri \$2 or (water adj fall \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/18 16:03
S62	35813	(time\$1 adj3 division adj3 multiplex\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/18 16:03
S63	27	S61 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/18 16:04
S64	158	S61 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/18 17:19
S65	306	((plural multi\$3) near3((digital near2 analog) or (digital/ analog) or (d/a) or (digital-analog))) same (cascade or seri \$2 or (water adj fall \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/19 10:24
S66	158	S65 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/19 10:24

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